

Title (en)
PARTICLE BEAM PROJECTION CHAMBER AND PARTICLE BEAM TREATMENT DEVICE

Title (de)
TEILCHENSTRÄHLPROJEKTIONSKAMMER UND BEHANDLUNGSVORRICHTUNG FÜR TEILCHENSTRÄHL

Title (fr)
CHAMBRE DE PROJECTION D'UN FAISCEAU DE PARTICULES ET DISPOSITIF DE TRAITEMENT PAR UN FAISCEAU DE PARTICULES

Publication
EP 2982414 A4 20161214 (EN)

Application
EP 13880980 A 20130401

Priority
JP 2013059837 W 20130401

Abstract (en)
[origin: EP2982414A1] The particle beam irradiation room of this invention is purported to keep within an allowable range, a positional displacement amount from a positioned state of a patient even when the patient is moved from an irradiation-room entrance to an irradiation area after positioned at other than a patient table of the irradiation area actually used at the radiation of the particle beam. The particle beam irradiation room (20) of the invention includes: an irradiation execution room (22) in which a patient table (2) having a detachable-attachable top board (5) and an actuation device (9) for actuating the top board (5) is mounted, and that is surrounded by a shielding wall (21); a passage (23) formed in the shielding wall (21) on its side where a pre-room (25) for positioning the patient (45) relative to the top board (5) is located, in a form that allows the patient (45) positioned relative to the top board (5) to pass straight to the irradiation execution room (22) by a transport apparatus (10); and a shielding door (24) at the irradiation-room entrance (30) located on a side of the passage (23) toward the pre-room (25), for shielding against a leakage radiation at the radiation of the particle beam so that the leakage radiation is kept at a management value or less.

IPC 8 full level
A61N 5/10 (2006.01)

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Citation (search report)
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